

CA7 Contactor with CEP7 Overload Relay ③④

For use with contactor...	Amp Range	Overload Relay Code (◆)	Catalog Number (of Overload Relay)
1-Phase & 3-Phase / Manual reset / Class 10&20			
CA7-9...CA7-23	0.1...0.5	1EAB	CEP7-1EEAB
	0.2...1.0	1EBB	CEP7-1EEBB
	1.0...5.0	1ECB	CEP7-1EECB
	3.2...16	1EDB	CEP7-1EEDB
CA7-30...CA7-55	5.4...27	1EEB	CEP7-1EEEB
	1.0...5.0	FCP	CEP7-1EFCP ❶
	3.6...16	FDP	CEP7-1EFDP ❶
	5.4...27	1EED	CEP7-1EEED
CA7-60...97	11...55	1EFD	CEP7-1EEFD
	20...100	1EGE	CEP7-1EEGE
1-Phase & 3-Phase / Auto or Manual / Adj. Trip Class 10...30			
CA7-9...CA7-23	0.1...0.5	FAB	CEP7-1EFAB
	0.2...1.0	FBB	CEP7-1EFBB
	1.0...5.0	FCB	CEP7-1EFCB
	3.2...16	FDB	CEP7-1EFDB
CA7-30...CA7-55	5.4...27	FEB	CEP7-1EFEB
	1.0...5.0	FCP	CEP7-1EFCP ❶
	3.2...16	FDP	CEP7-1EFDP ❶
	5.4...27	FED	CEP7-1EFED
CA7-60...97	11...55	FFD	CEP7-1EFFD
	20...100	FFD	CEP7-1EFFD
CA7-55	11...55	FFD	CEP7-1EFFD
	5.4...27	FEP	CEP7-1EFEP ❶
	11...55	FFP	CEP7-1EFFP ❶
CA7-60...CA7-97	20...100	FGE	CEP7-1EFGE

CA9 Contactor with Overload Relay ②

Directly Mounts to Contactor... ②	Adj. Range (A)	Overload Relay Code (◆)	CT Ratio	Catalog Number (of Overload Relay)
Automatic or Manual Reset for 3-Phase Applications Adjustable Trip Class 10, 15, 20 & 30				
CA9-116...146	30...150	9IP ⑥	~	CEP9-ESM-I-146-200 CEP9-EIO... CEP9-ECM-PCM
		9IGP ⑥		CEP9-ESM-IG-146-200 CEP9-EIOGP... CEP9-ECM-PCM
		9VIGP ⑥		CEP9-ESM-VIG-146-200 CEP9-EIOGP... CEP9-ECM-PCM
CA9-190...205	40...200	9IP ⑥	~	CEP9-ESM-I-205-200 CEP9-EIO... CEP9-ECM-PCM
		9IGP ⑥		CEP9-ESM-IG-205-200 CEP9-EIOGP... CEP9-ECM-PCM
		9VIGP ⑥		CEP9-ESM-VIG-205-200 CEP9-EIOGP... CEP9-ECM-PCM
CA9-265...305		CT3	300:5	⑥
CA9-370...580		CT6	600:5	⑥
CA9-750...1060		~		Refer to Factory

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Starter Modification Codes

Special Notes:

Wye-Delta Starters - First multiply motor full load current by 58%. Then, using this figure, select appropriate Overload Relay Code from tables above.

Part Winding Starters - First multiply motor full load current by 50%. Then, using this figure, select appropriate Overload Relay Code from tables above.

Variable Frequency Drives - CEP7 solid state overload relays cannot be utilized on VFDs or Softstarters with Braking option.

❶ Engineered solution is a pass-thru model overload. No direct contactor mounting for this selection is available within the CEP7-1EE/1EF series.
 ❷ This reference is not intended to be a guide for selecting contactors. Size overload relays using the full load current of the motor.
 ❸ The reset time of a CEP7 set in the automatic mode is approximately 180 seconds.

❹ CEP7 Overload relays do not work with Variable Frequency Drives or any Sprecher + Schuh Softstarter with braking options.
 ❺ Utilizes UL approved Current Transformers and a CEP7-1EF_Z overload relay. For CE approved Current Transformers – refer to factory.
 ❻ The letter "P" designates the parameter configuration module and can be changed to an "E" to represent the use of Ethernet/IP communication module.